

REMARKS

Claims 1 through 20 are pending in the case.

Claims 1, 4, 7, 10, 14 and 17 have been amended.

Discussion of Rejection of claims under 35 U.S.C. § 102

Claims 1 through 20 are rejected under 35 U.S.C. § 102(b) as being anticipated by Agilent Technologies PSA Series Spectrum Analyzers (Agilent).

Applicant has amended the claims to emphasize clear distinctions over the cited art. Applicant respectfully traverses the rejections as to the claims as amended.

Below, Applicant points out subject matter within each independent claim that is not disclosed or suggested by the cited art. On the basis of this, Applicant believes the independent claims discussed below and all the claims dependent thereon are patentable over the cited art.

Discussion of Independent Claim 1

Claim 1 sets out a method for performing a function on a selected portion of a signal. In claim 1, a start frequency, a stop frequency and a center frequency are simultaneously marked by a band marker. The center frequency is located half way between the start frequency and the stop frequency. This is not disclosed or suggested by the cited art.

In discussing claims 4, 10 and 17, Examiner has suggested that marking of a center frequency is disclosed by a center diamond of a band marker shown in Figures 8-7, 3-1 and 3-2 of Agilent. This is incorrect. In Figure 8-7, there is no marking of a center frequency and no center diamond disclosed. In Figures 3-1 and 3-2, a diamond is used to mark a signal peak. However, this diamond is not part of a band marker used to mark a start frequency, a stop frequency and a center frequency located half way between the start frequency and the stop frequency.

Figures 3-1 and 3-2 of Agilent do not disclose any of a start frequency, a stop frequency or a center frequency being marked by a band marker. It is clear, therefore, that Figures 3-1 and 3-2 of Agilent do not disclose a start frequency, a stop frequency and a center frequency being simultaneously marked by a band marker.

Discussion of Independent Claim 7

Claim 7 sets out a user interface for an electronic instrument. In claim 7, a band marker demarks a bandwidth of the signal by simultaneously marking a start frequency of the bandwidth, a stop frequency and a center frequency of the bandwidth. This is not disclosed or suggested by the cited art.

In discussing claims 4, 10 and 17, Examiner has suggested that marking of a center frequency is disclosed by a center diamond of a band marker shown in Figures 8-7, 3-1 and 3-2 of Agilent. This is incorrect. In Figure 8-7,

there is no marking of a center frequency and no center diamond disclosed. In Figures 3-1 and 3-2, a diamond is used to mark a signal peak. However, this diamond is not part of a band marker used to mark a start frequency, a stop frequency and a center frequency of a bandwidth.

Figures 3-1 and 3-2 of Agilent do not disclose any of a start frequency, a stop frequency or a center frequency being marked by a band marker. It is clear, therefore, that Figures 3-1 and 3-2 of Agilent do not disclose a start frequency, a stop frequency and a center frequency of a bandwidth being simultaneously marked by a band marker

Discussion of Independent Claim 14

Claim 14 sets out a user interface for an electronic instrument. In claim 14, a band marker demarks a bandwidth of the signal by simultaneously marking a start frequency of the bandwidth, a stop frequency of the bandwidth and a center frequency of the bandwidth. The electronic instrument performs a mathematical operation on the bandwidth of the signal between the start frequency and the stop frequency and displays a numerical value representing a result of the mathematical operation. This is not disclosed or suggested by the cited art.

In discussing claims 4, 10 and 17, Examiner has suggested that marking of a center frequency is disclosed by a center diamond of a band marker shown in Figures 8-7, 3-1 and 3-2 of Agilent. This is incorrect. In Figure 8-7, there is no marking of a center frequency and no center diamond disclosed.

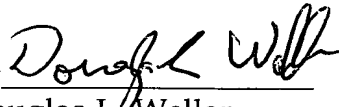
In Figures 3-1 and 3-2, a diamond is used to mark a signal peak. However, this diamond is not part of a band marker used to mark a start frequency, a stop frequency and a center frequency of a bandwidth.

Figures 3-1 and 3-2 of Agilent do not disclose any of a start frequency, a stop frequency or a center frequency being marked by a band marker. It is clear, therefore, that Figures 3-1 and 3-2 of Agilent do not disclose a start frequency, a stop frequency and a center frequency of a bandwidth being simultaneously marked by a band marker

Conclusion

Applicant believes this Amendment has placed the present Application in condition for allowance and favorable action is respectfully requested.

Respectfully submitted,
CORYDON JOSEPH BOYAN
MICHAEL FERREL
ROBERT NATHAN NELSON
JOSEPH MICHAEL GORIN

By 
Douglas L. Weller
Reg. No. 30,506

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Santa Clara, California
(408) 985-0642